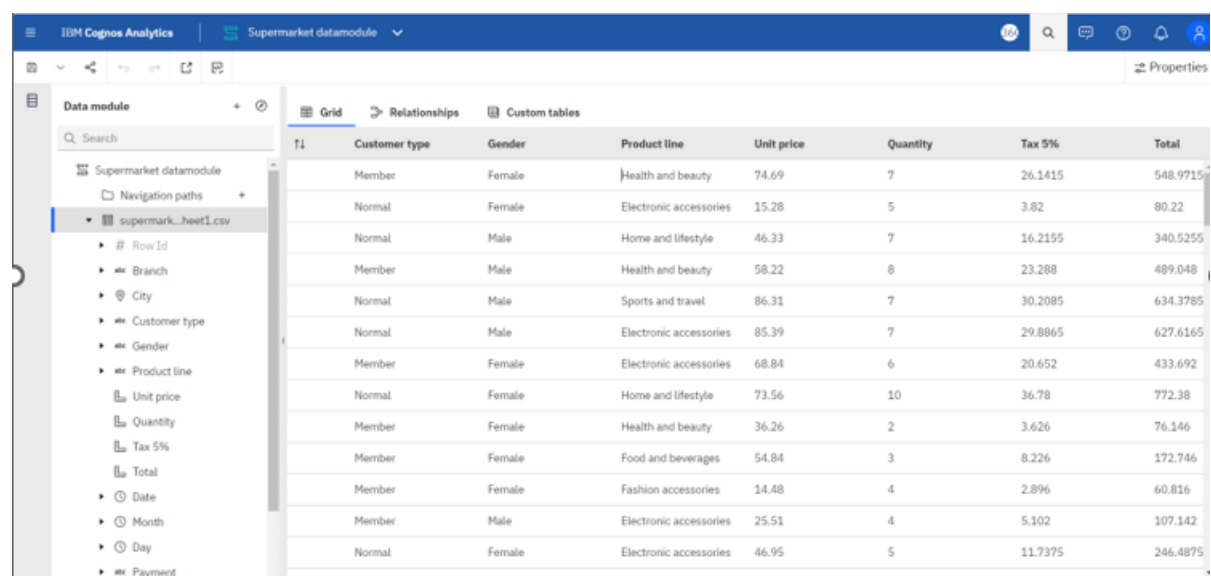


NAME: Manav Seth

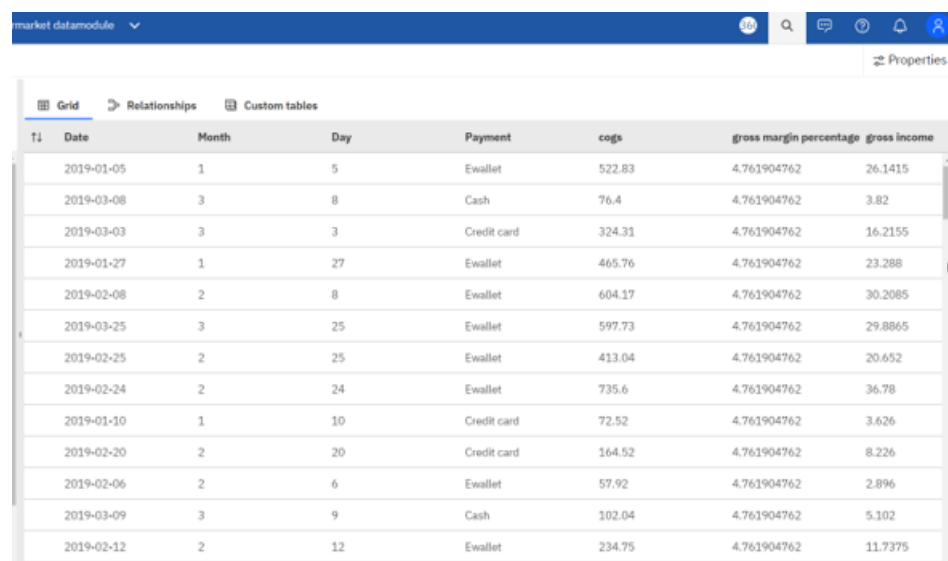
Regno:21BCE11098

Assignment-1

Data Module:



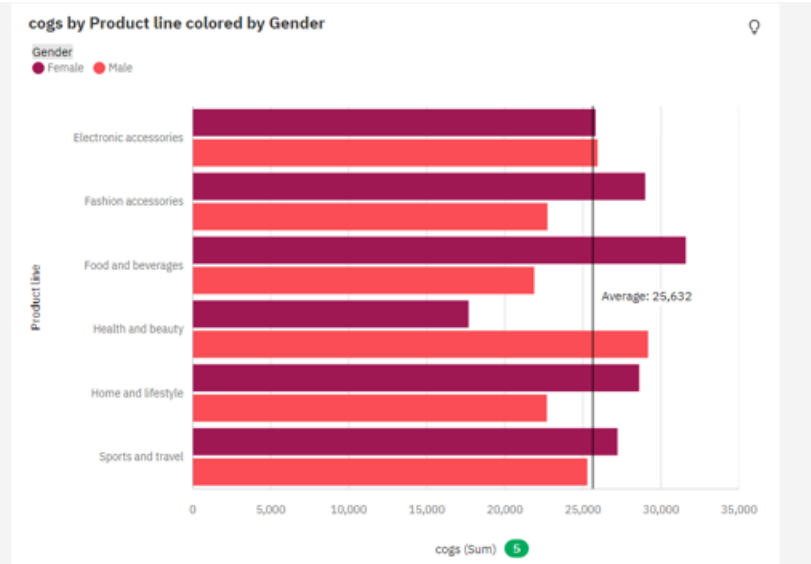
Customer type	Gender	Product line	Unit price	Quantity	Tax 5%	Total
Member	Female	Health and beauty	74.69	7	26.1415	548.9715
Normal	Female	Electronic accessories	15.28	5	3.82	80.22
Normal	Male	Home and lifestyle	46.33	7	16.2155	340.5255
Member	Male	Health and beauty	58.22	8	23.288	489.048
Normal	Male	Sports and travel	86.31	7	30.2085	634.3785
Normal	Male	Electronic accessories	85.39	7	29.8865	627.6165
Member	Female	Electronic accessories	68.84	6	20.652	433.692
Normal	Female	Home and lifestyle	73.56	10	36.78	772.38
Member	Female	Health and beauty	36.26	2	3.626	76.146
Member	Female	Food and beverages	54.84	3	8.226	172.746
Member	Female	Fashion accessories	14.48	4	2.896	60.816
Member	Male	Electronic accessories	25.51	4	5.102	107.142
Normal	Female	Electronic accessories	46.95	5	11.7375	246.4875



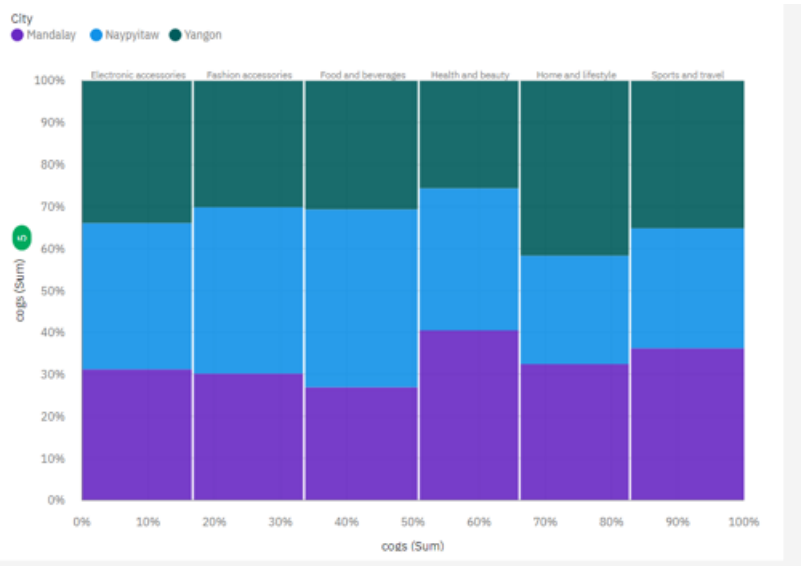
Date	Month	Day	Payment	cogs	gross margin percentage	gross income
2019-01-05	1	5	Ewallet	522.83	4.761904762	26.1415
2019-03-08	3	8	Cash	76.4	4.761904762	3.82
2019-03-03	3	3	Credit card	324.31	4.761904762	16.2155
2019-01-27	1	27	Ewallet	465.76	4.761904762	23.288
2019-02-08	2	8	Ewallet	604.17	4.761904762	30.2085
2019-03-25	3	25	Ewallet	597.73	4.761904762	29.8865
2019-02-25	2	25	Ewallet	413.04	4.761904762	20.652
2019-02-24	2	24	Ewallet	735.6	4.761904762	36.78
2019-01-10	1	10	Credit card	72.52	4.761904762	3.626
2019-02-20	2	20	Credit card	164.52	4.761904762	8.226
2019-02-06	2	6	Ewallet	57.92	4.761904762	2.896
2019-03-09	3	9	Cash	102.04	4.761904762	5.102
2019-02-12	2	12	Ewallet	234.75	4.761904762	11.7375

Exploration:

Bar chart



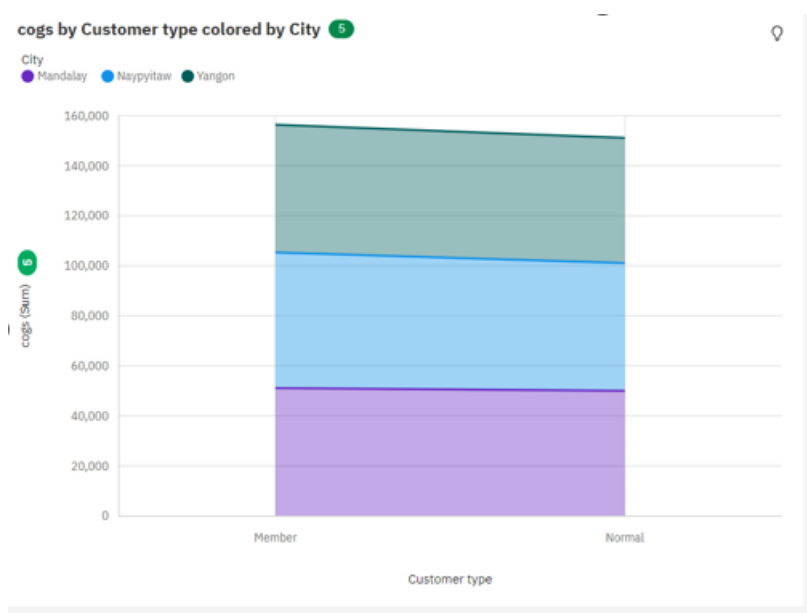
Marimekko Chart



Area chart(city by cogs)



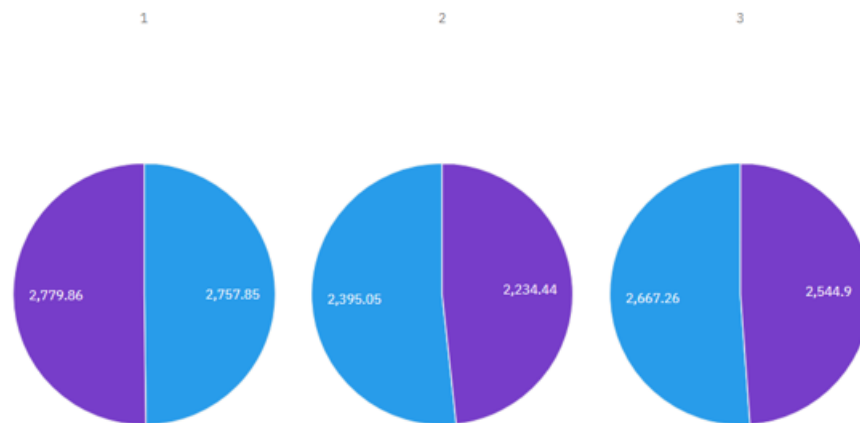
Customer type by cogs



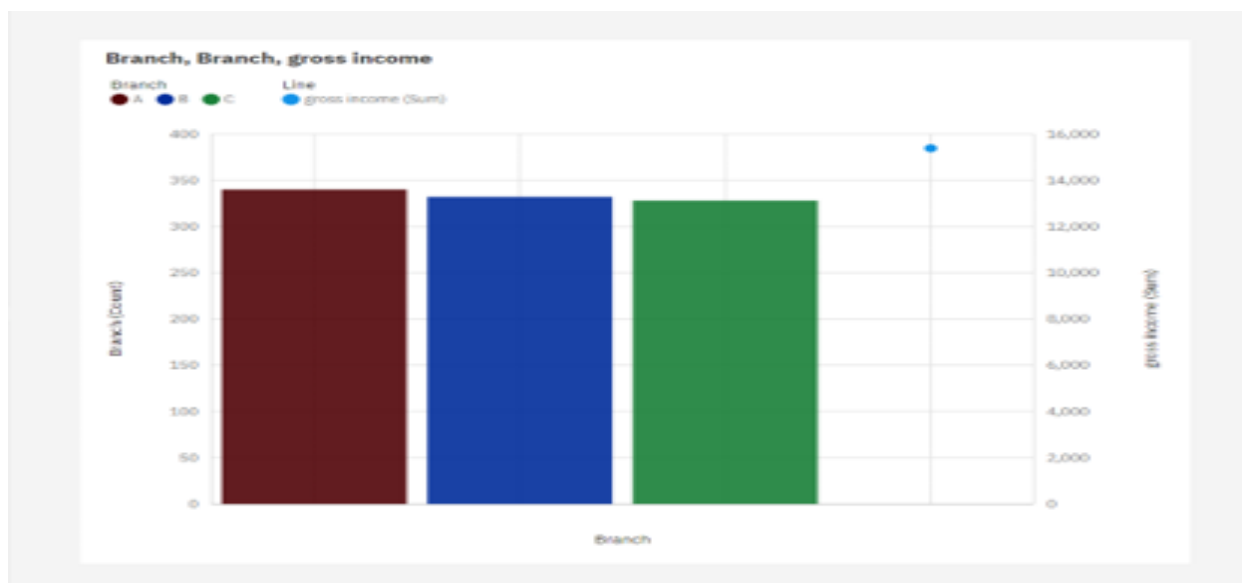
Pie Chart

gross income by Customer type 5

Customer type
 ● Normal ● Member

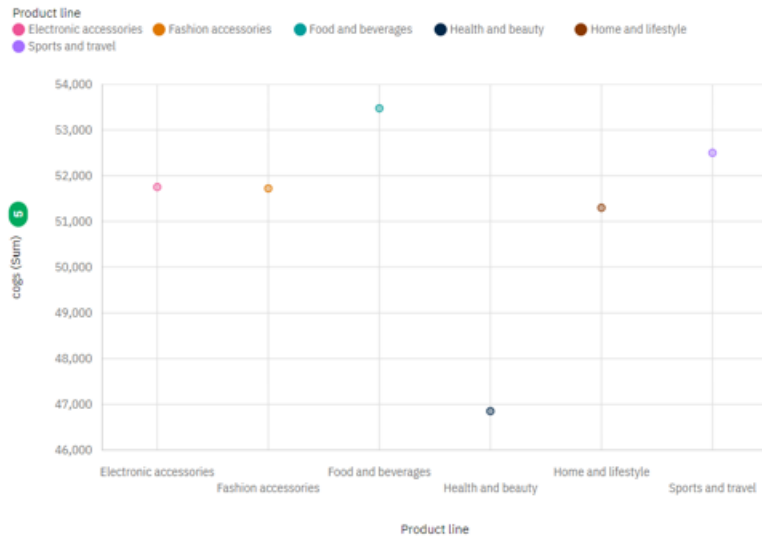


Line and column chart



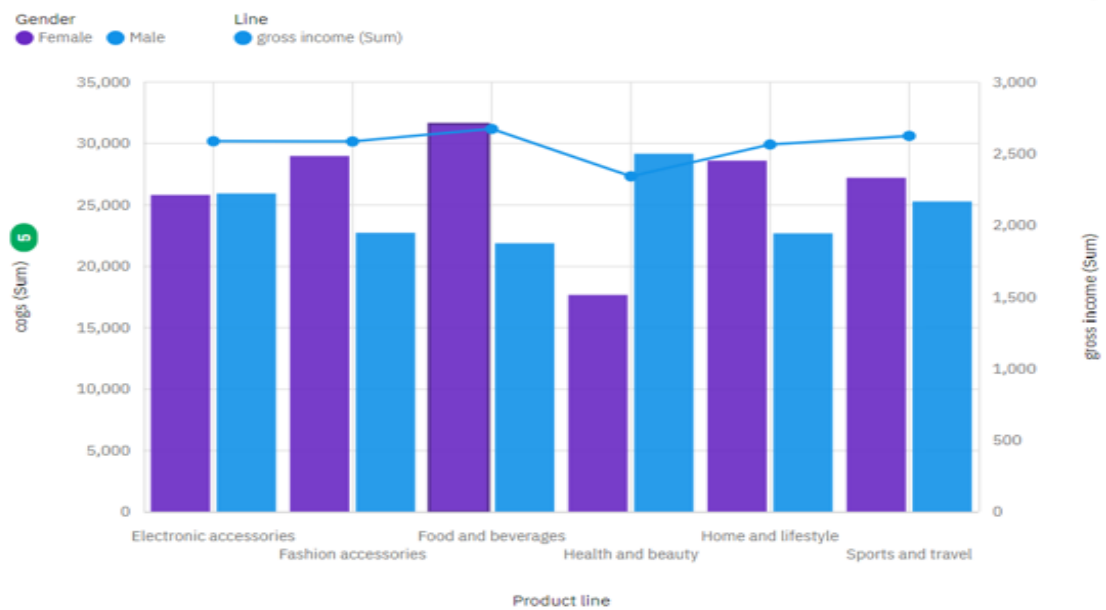
Scatter Chart(Product Line by gross sum)

Product line by cogs colored by Product line



Line and column chart

gross income and cogs for Product line colored by Gender



Visualization:

